

**Project Name:** Upper York Penin., S.A.  
**Project Code:** NY1 **Site ID:** A888 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**Site Information**

<b>Desc. By:</b>	R.W. Jessup	<b>Locality:</b>	
<b>Date Desc.:</b>	19/02/63	<b>Elevation:</b>	76 metres
<b>Map Ref.:</b>	Sheet No. : SI53-12	<b>Rainfall:</b>	380
<b>Northing/Long.:</b>	137.763888888889	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-34.097222222222	<b>Drainage:</b>	No Data

**Geology**

<b>ExposureType:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	No Data
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	No Data
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Class Undetermined Regolithic Hypercalcic Calcarosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Solonized brown soil

Analytical data are incomplete but reasonable confidence.

**Site Disturbance:** Cultivation. Rainfed

**Vegetation:**

Tall Strata - Tree mallee, , . \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

0 - 0.12 m	Brown (7.5YR5/4-Dry); ; Clay loam; Weak grade of structure, Subangular blocky; Very firm consistence; 0-2%, medium gravelly, 6-20mm, Gravel, coarse fragments; Common (10 - 20 %), Calcareous, , Soft segregations; Diffuse change to -
0.12 - 0.25 m	Reddish brown (5YR5/4-Dry); ; Light clay; Massive grade of structure; Very firm consistence; 0-2%, medium gravelly, 6-20mm, Gravel, coarse fragments; Many (20 - 50 %), Calcareous, , Soft segregations; Diffuse change to -
0.25 - 0.6 m	Light brown (7.5YR6/4-Dry); ; Light clay; Massive grade of structure; Very firm consistence; 0-2%, medium gravelly, 6-20mm, Gravel, coarse fragments; Very many (50 - 100 %), Calcareous, , Soft segregations; Diffuse change to -
0.6 - 0.88 m	Reddish brown (5YR5/4-Dry); ; Medium clay; Massive grade of structure; Very firm consistence; Very many (50 - 100 %), Calcareous, , Soft segregations; Diffuse change to -
0.88 - 1.32 m	Yellowish red (5YR5/8-Dry); ; Medium clay; Massive grade of structure; Very firm consistence; 0-2%, medium gravelly, 6-20mm, Gravel, coarse fragments; Many (20 - 50 %), Calcareous, , Soft segregations; Diffuse change to -
1.32 - 1.98 m	Yellowish red (5YR4/6-Dry); ; Medium clay; Massive grade of structure; Very firm consistence; 0-2%, medium gravelly, 6-20mm, Gravel, coarse fragments; Very many (50 - 100 %), Calcareous, , Soft segregations; Diffuse change to -
1.98 - 2.28 m	Yellowish red (5YR5/6-Dry); ; Coarse sandy clay loam; Massive grade of structure; Strong consistence; 10-20%, medium gravelly, 6-20mm, Gravel, coarse fragments; Many (20 - 50 %), Calcareous, , Soft segregations;
2.28 - 2.58 m	;

**Morphological Notes**

**Observation Notes**

**Site Notes**

KADINA

**Observation ID: 1**

**Laboratory Test Results:**

[illegible][illegible][illegible]

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**Laboratory Analyses Completed for this profile**

19B_NR	Calcium Carbonate (CaCO3) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded